



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

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Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

December 8, 1982

Mr. Richard Blubaugh  
Atlas Minerals Corporation  
P.O. Box 1207  
Moab, Utah 84532

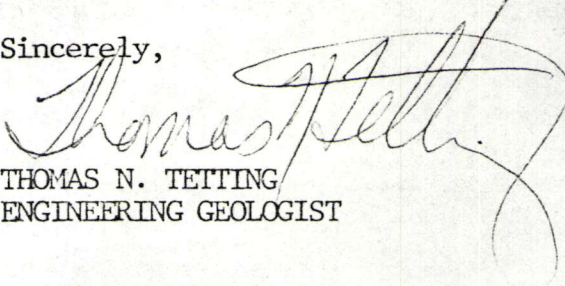
RE: Permit Application Reviews for  
The Calliham-Sage Mine ACT/037/023  
The Far West Mine ACT/037/019  
The Standard I Mine ACT/037/009  
The Cactus Rat Mine ACT/019/009  
The Snow Mine ACT/015/013

Dear Mr. Blubaugh:

The Division has completed the reviews of several mine plans which have been outstanding in terms of several lacking any type of approval. Please find enclosed a list of these mines and the attached comments. These comments will need to be addressed in order to complete one of the conditions for final approval of Atlas Minerals' Mining and Reclamation Plan Contract. This list is still incomplete as the Division is forwarding it in an attempt to provide you with the most amount of time available to complete the items. Additional reviews will be forthcoming. You will also find an attached series of application histories which are a compilation of the existing correspondence in our files. You may wish to check this for completeness or compare it with your own files and make comment.

If there are any questions about the nature of the material being requested, please call.

Sincerely,



THOMAS N. TETTING  
ENGINEERING GEOLOGIST

Enclosures: Permit Application  
Histories and Mine Plan Questions

TNT/mn

cc: Jim Smith, DOGM  
Rick Broschat, Atlas Big Indian Mines



#### The Calliham-Sage Mines ACT/037/023

1. A map should be provided which updates the 2-22-77 maps on file. It should contain a current surface disturbance plan, with facilities on site. Also included should be the location of the waste-water treatment ponds and the borehole locations.
2. Regarding the ponds; a copy of the State Dept. of Health or E.P.A. construction approval will have to be submitted.
3. The files also indicate that there have been no operations and progress reports filed for the years 1977-1980. Could you please forward them?

#### The Far West Mine ACT/037/019

1. The Division has not received a final report on the installation of the oil skimmers; not just at this mine but also at the Pandora, Velvet, Snow and Calliham Sage mines. What is the status of the State Health approvals for the installation of these facilities at the wash pad locations? The Division does not have an answer to the June 14, 1982 letter from the State Dept. of Health.

#### The Standard I Mine (Frazier Tunnel)

1. The estimated duration of the mining operations was never provided. Please do so.
2. When/why was the name of the mine changed from Frazier Tunnel to Standard I?
3. A commitment to maintaining, clearing or cleaning the ephemeral drainage (which has been temporarily culverted) should be given.
4. The large amounts of trash which were on site during the 1979 inspection should be removed if they are still there.
5. Have the operations been suspended?
6. There are no indications that the 1979 and 1980 Operations reports were ever filed. Please forward copies of these.

#### Cactus Rat Mine ACT/019/009

1. The Division does not have copies of the 1978-1980 Operations reports nor a letter of February 14, 1978 concerning a reclamation commitment.
2. The Division will need an acknowledgement that the February 14, 1978 maps are the most recent, precise available maps of the site's surface facilities and disturbances or ones should be provided.

The Snow Mine ACT/015/013

1. What is the relationship of the Jack Rabbit Mine to the Snow?
2. How will the boreholes be sealed?
3. Please forward copies of the 1977-1980 Annual Reports.
4. What is the status of the request by the State Health Dept. on February 25, 1982 for analyses of metal concentrations (in the discharge water) and the NPDES permit?

Permit Application History  
for the Calliham-Sage Mines  
Atlas Minerals ACT/037/023

June 20, 1977:

Atlas submitted the Mining and Reclamation Plan.

June 24, 1977:

The Division acknowledged receipt of the plan.

April 13, 1978:

The Division inspected the mine site.

November 29, 1978:

Atlas filed the Rule M-10 commitment form.

March 21, 1979:

The Division requested additional information for the MRP.

November 26, 1979:

The Division issued a request to Atlas to finalize the review of the MRP.

March 4, 1980:

Atlas responded with a vague commitment for test plot implimentation.

November 5, 1980:

Atlas sent a letter discussing the Mined Land Reclamation Contract.

November 24, 1980:

Another letter was sent by Atlas procrastinating over acceptance of the Contract.

January 13, 1982:

The Department of Health sent a letter to Atlas concerning the unapproved construction of the wastewater evaporation facility. Cessation of activity was ordered.

June 26, 1981:

The Division responded to the proposed Atlas Revegetation proposal.

December 17, 1981:

The Division inspected the site to evaluate recently renovated new and used oil storage areas. Wash pad concerns were developed.

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January 22, 1982:

Atlas notified the Division of suspended operations.

February 1, 1982:

Atlas filed the 1981 Annual Operations Report.

February 4, 1982:

The Division acknowledged receipt of the report.

March 24, 1982:

The Division approached the Board of Oil, Gas and Mining with the new Mined Land Reclamation Contract.

May 25, 1982:

Atlas proposed an alternate revegetation idea.

September 13, 1982:

An idea concerning proposed bonding forms was forwarded to Atlas for comment.

October 15, 1982:

Atlas submitted the Morrison-Knudsen report and proposed Revegetation/Reclamation concepts.

October 25, 1982:

The Division clarified some issues regarding bonding and conditional approval for Atlas' mines.

November 9, 1982:

Atlas provided financial data to the Division for the Bond Contract.

November 12, 1982:

The Division sent in the 30-day notice for public comment.

December 6, 1982:

This permit application history was developed.

May 25, 1982:

Atlas proposed a new revegetation approach.

September 13, 1982:

The Division sent a proposed bond estimate methodology to Atlas for comment.

October 15, 1982:

Atlas sent the Morrison-Knudsen Reclamation/Revegetation report to the Division.

October 25, 1982:

The Division sent a clarification of several issues involved with final permitting and bonding.

October 28, 1982:

The Board of Oil, Gas and Mining issued tentative approval for the Reclamation Contract form of surety for all Atlas Mines.

November 12, 1982:

The Division sent the 30-day public notification to the papers for printing.

December 6, 1982:

The permit applicaiton history was compiled.